William Grygar II
TransMontaigne Terminaling, Inc.
20 Jackson Street
New Albany, IN 47150

Re: AAF 043-10068
First Administrative Amendment to
FESOP 043-5645-00010

Dear William Grygar II:

TransMontaigne Terminaling, Inc. was issued a permit on December 13, 1996 for their terminal operations. A letter requesting removal of all references to tanks EU-20 and EU-21 from the permit due to their recent removal and an amendment to conditions D.1.1 and D.2.1 was received on August 03, 1998. This permit will be amended under 326 IAC 2-8-10(a)(6), where this ARevises descriptive information where the revision will not trigger a new aplicable requirement or violate a permit term@. Pursuant to the provisions of 326 IAC 2-8-10 the permit is hereby administratively amended as follows:

1. As the tanks EU-20 and EU-21 have been removed from the source, all references to them in the permit should be removed. Tanks EU-20 and EU-21 are referenced in the source description Section A.2(e)(1) and (2), and in the individual process section description D.1(e)(1) and (2). These descriptions have been removed and all succeeding reference numbers will be adjusted to the next reference number as follows:

~~(e) two (2) non-volatile organic compounds storage tanks:~~
~~(1) one (1) 2,000 gallon capacity underground storage tank underground storage tank (UST) identified as EU 20, exhausting at one emission point identified as S/V ID 20; and~~
~~(2) one (1) 20,000 gallon capacity UST identified as EU 21, exhausting at one emission point identified as 21.~~

The succeeding sections A.2.(f) and D.2.(f) have been re-numbered as A.2.(e) and D.2.(e) respectively.

2. Section D.1.1(a) of the permit referenced the loading loss equation instead of the storage tank loss equation. The equation in this section is replaced with storage tank loss equation as follows:

D.1.1 Volatile Organic Compound

(a) The actual vapor pressure, actual throughputs, actual molecular weight, actual temperature and actual saturation factor of the organic liquids stored in all tanks shall be limited based on the following equation to limit the potential to emit (PTE) volatile organic compounds (VOC) to no greater than 6.59 tons per month:

~~n~~
~~3{[12.46 * S i * MW i * VP i] / [F i + 460]} * [T i / 2000] #6.59 tons VOC per month~~
~~i = 1~~

~~where:~~

~~i = storage tank~~
~~S i = The saturation factor of the liquid in each storage tank (i) for each month~~
~~MW i = The molecular weight of the liquid in each storage tank (i) for each month~~

~~VP i = The vapor pressure for each storage tank (i) for each month~~
~~F i = The temperature of the liquid in each storage tank (i) for each month~~
~~T i = The throughput for each storage tank (i) for each month~~

(Losses from fixed roof tanks + Losses from floating roof tanks) < 6.59 ton per month

Where
Losses from fixed roof tanks = L_S+L_W
Losses from floating roof tanks = $L_R+L_{WD}+L_F+L_D$
L_S = standing storage losses
L_W= working losses
L_R= rim seal loss
L_{WD}= withdrawal loss
L_F= deck fitting loss
L_D= deck seam loss
All equations are using the information from AP-42, Section 7.1.

3. TransMontaigne Terminaling Inc. has also requested that Section D.2.1(a) reflect the equation using the most recent AP-42 equations and emission factors. This change is not being made. The condition, as written, expresses the necessary requirements related to the limitation. If the section of AP-42 changes for some reason, then this condition will be amended.

All other conditions of the permit shall remain unchanged and in effect. Please attach a copy of this amendment and the following revised permit pages to the front of the original permit.

This decision is subject to the Indiana Administrative Orders and Procedures Act - IC 4-21.5-3-5. If you have any questions on this matter, please contact Gurinder Saini, at (800) 451-6027, press 0 and ask for Gurinder Saini or extension 3-0203, or dial (317) 233-0203.

Sincerely,

Paul Dubenetzky, Chief
Permits Branch
Office of Air Management

Attachments
GS
cc: File - Floyd County
U.S. EPA, Region V
Floyd County Health Department

Air Compliance Section Inspector Joe Foyst
Compliance Data Section - Karen Nowak
Administrative and Development - Janet Mobley
Technical Support and Modeling - Michele Boner

FEDERALLY ENFORCEABLE STATE OPERATING PERMIT (FESOP) OFFICE OF AIR MANAGEMENT

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015
Phone: 1-800-451-6027

TransMontaigne Terminaling
20 Jackson Street
New Albany, Indiana 47150

(herein known as the Permittee) is hereby authorized to operate subject to the conditions contained herein, the facilities listed in Section A (Source Summary) of this permit.

This permit is issued in accordance with 326 IAC 2 and 40 CFR Part 70 and contains the conditions and provisions specified in 326 IAC 2-8 and 40 CFR Part 70.6 as required by 42 U.S.C. 7401, et. seq. (Clean Air Act as amended by the 1990 Clean Air Act Amendments) and IC 13-15 and IC 13-17 (prior to July 1, 1996, IC 13-1-1-4 and IC 13-7-10).

Operation Permit No.: F043-5645-00010	
Issued by: Paul Dubenetzky, Branch Chief Office of Air Management	Issuance Date: December 13,1996
First Administrative Amendment AAF 043-10068	Pages Affected:5, 22, 23, 25
Issued by: Paul Dubenetzky, Branch Chief Office of Air Management	Issuance Date:

(3) one (1) 210,000 gallon capacity petroleum liquid cone roof storage tank identified as Emission Unit (EU) 1C, exhausting at one emission point identified as 1C;

(4) one (1) 210,000 gallon capacity petroleum liquid cone roof storage tank identified as EU 5C, exhausting at one emission point identified as 5C;

(5) one (1) 210,000 gallon capacity petroleum liquid cone roof storage tank identified as EU 6C exhausting at one emission point identified as 6C;

(6) one (1) 210,000 gallon capacity petroleum liquid cone roof storage tank identified as EU 7C, exhausting at one emission point identified as 7C;

(7) one (1) 420,000 gallon capacity petroleum liquid cone roof storage tank identified as EU 8C, exhausting at one emission point identified as 8C;

(8) one (1) 30,000 gallon capacity petroleum liquid cone roof storage tank identified as EU A, exhausting at one emission point identified as A; and

(9) one (1) 30,000 gallon capacity petroleum liquid cone roof storage tank identified as EU B, exhausting at one emission point identified as B.

(c) one (1) volatile organic compounds (true vapor pressure (TVP) limited to less than 0.507 psia) storage tank:
(1) one (1) 546,000 gallon capacity petroleum liquid cone roof storage tank identified as EU 11, exhausting at one emission point identified as 11.

(d) one (1) distillate fuel (50% #2 diesel with 50% kerosine) storage tank:
(1) one (1) 900 gallon capacity boiler fuel tank cone roof storage tank identified as EU 19 exhausting at one (1) stack identified as 19.

(e) two (2) truck loading racks consisting of:
(1) one (1) tank truck loading rack capable of top/bottom loading petroleum liquids identified as EU 22, controlled by a flame arrestor exhausting at one (1) stack identified as S/V ID 22; and

(2) one (1) tank truck loading rack capable of top/bottom loading petroleum liquids identified as EU 26, exhausting at one emission point identified as S/V ID 26.

A.3 Insignificant Activities
This stationary source also includes the following insignificant activities, as defined in 326 IAC 2-7-1(20):

(a) paved and unpaved roads and parking lots identified as EU 23;

SECTION D.1 FACILITY OPERATION CONDITIONS

(a) eight (8) petroleum liquid storage tanks:

(1) one (1) 1,050,000 gallon capacity petroleum liquid external floating roof (EFR) storage tank identified as EU 1, exhausting at one emission point identified as 1 ;
(2) one (1) 1,050,000 gallon capacity petroleum liquid EFR storage tank identified as EU 2, exhausting at one emission point identified as 2;
(3) one (1) 1,050,000 gallon capacity petroleum liquid EFR storage tank identified as EU 3, exhausting at one emission point identified as 3;
(4) one (1) 1,050,000 gallon capacity petroleum liquid EFR storage tank identified as EU 4, exhausting at one emission point identified as 4;
(5) one (1) 1,050,000 gallon capacity petroleum liquid EFR storage tank identified as EU 5, exhausting at one emission point identified as 5;
(6) one (1) 756,000 gallon capacity petroleum liquid internal floating roof (IFR) storage tank identified as EU 6, exhausting at one emission point identified as 6;
(7) one (1) 336,000 gallon capacity petroleum liquid (IFR) storage tank identified as EU 7, exhausting at one emission point identified as 7; and
(8) one (1) 420,000 gallon capacity petroleum liquid (IFR) storage tank identified as EU 8, exhausting at one emission point identified as 8.

(b) nine (9) volatile organic compounds storage tanks:

(1) one (1) 294,000 gallon capacity petroleum liquid cone roof storage tank identified as EU 9, exhausting at one emission point identified as 9;
(2) one (1) 252,000 gallon capacity petroleum liquid cone roof storage tank identified as EU 10, exhausting at one emission point identified as 10;
(3) one (1) 210,000 gallon capacity petroleum liquid cone roof storage tank identified as Emission Unit (EU) 1C, exhausting at one emission point identified as 1C;
(4) one (1) 210,000 gallon capacity petroleum liquid cone roof storage tank identified as EU 5C, exhausting at one emission point identified as 5C;
(5) one (1) 210,000 gallon capacity petroleum liquid cone roof storage tank identified as EU 6C exhausting at one emission point identified as 6C;
(6) one (1) 210,000 gallon capacity petroleum liquid cone roof storage tank identified as EU 7C, exhausting at one emission point identified as 7C;
(7) one (1) 420,000 gallon capacity petroleum liquid cone roof storage tank identified as EU 8C, exhausting at one emission point identified as 8C;
(8) one (1) 30,000 gallon capacity petroleum liquid horizontal storage tank identified as EU A, exhausting at one emission point identified as A; and
(9) one (1) 30,000 gallon capacity petroleum liquid horizontal storage tank identified as EU B, exhausting at one emission point identified as B.

(c) one (1) volatile organic compounds TVP limited to less than 0.507 psia storage tank:

(1) one (1) 546,000 gallon capacity petroleum liquid cone roof storage tank identified as EU 11, exhausting at one emission point identified as 11.

(d) one (1) distillate fuel (50% #2 diesel with 50% kerosine) storage tank:

(1) one (1) 900 gallon capacity boiler fuel tank cone roof storage tank identified as EU 19 exhausting at one (1) stack identified as 19.

Emissions Limitations and Standards [326 IAC 2-8-4(1)]

D.1.1 Volatile Organic Compound

(a) The actual vapor pressure, actual throughputs, actual molecular weight, actual temperature and actual saturation factor of the organic liquids stored in all tanks shall be limited based on the following equation to limit the potential to emit (PTE) volatile organic compounds (VOC) to no greater than 6.59 tons per month:

(Losses from fixed roof tanks + Losses from floating roof tanks) < 6.59 ton per month

Where
Losses from fixed roof tanks = L_S+L_W
Losses from floating roof tanks = $L_R+L_{WD}+L_F+L_D$

L_S = standing storage losses
L_W= working losses

L_R= rim seal loss
L_{WD}= withdrawal loss
L_F= deck fitting loss
L_D= deck seam loss

All equations are using information from AP-42, Section 7.1.

(b) The maximum true vapor (TVP) of the materials stored shall be less than 5.14 psia at the temperature stored for the eight (8) petroleum storage tanks identified as EU 1 through EU 8.

(c) Pursuant to 326 IAC 8-9 (Volatile Organic Liquid Storage Vessels) and 326 IAC 2-8 (FESOP), the maximum true vapor pressure (TVP) of the materials stored in the nine (9) VOC storage tanks identified as EU 9, 10, 1C, 5C, 6C, 7C, 8C, A and B shall be less than 0.7 psia at the temperature stored.

(d) Pursuant to 326 IAC 12 (40 CFR 60.116b - Subpart Kb, Standards of Performance for Volatile Organic Compound Storage Vessels), the maximum true vapor pressure (TVP) of the materials stored in the one (1) storage tank identified as 11 shall be less than 0.507 psia at the temperature stored.

(e) The maximum true vapor pressure (TVP) of the materials stored in the one (1) storage tank identified as 19 shall be less than 0.0095 psia at the temperature stored.

(f) These operating limits shall limit total potential to emit (PTE) volatile organic compound (VOC) from the entire source to 99 tons per twelve (12) month period rolled on a monthly basis. Therefore, the requirements of 326 IAC 2-7 do not apply.

D.1.2 Hazardous Air Pollutants

The potential to emit (PTE) hazardous air pollutants from the entire source shall be limited as follows:

a) The amount of any single hazardous air pollutant (HAP) shall not exceed 0.75 tons per month.

b) The amount of any combination of HAPs shall not exceed 2.00 tons per month.

SECTION D.2 FACILITY OPERATION CONDITIONS

(b) nine (9) volatile organic compounds storage tanks:
- (1) one (1) 294,000 gallon capacity petroleum liquid cone roof storage tank identified as EU 9, exhausting at one emission point identified as 9;
- (2) one (1) 252,000 gallon capacity petroleum liquid cone roof storage tank identified as EU 10, exhausting at one emission point identified as 10;
- (3) one (1) 210,000 gallon capacity petroleum liquid cone roof storage tank identified as Emission Unit (EU) 1C, exhausting at one emission point identified as 1C;
- (4) one (1) 210,000 gallon capacity petroleum liquid cone roof storage tank identified as EU 5C, exhausting at one emission point identified as 5C;
- (5) one (1) 210,000 gallon capacity petroleum liquid cone roof storage tank identified as EU 6C exhausting at one emission point identified as 6C;
- (6) one (1) 210,000 gallon capacity petroleum liquid cone roof storage tank identified as EU 7C, exhausting at one emission point identified as 7C;
- (7) one (1) 420,000 gallon capacity petroleum liquid cone roof storage tank identified as EU 8C, exhausting at one emission point identified as 8C;
- (8) one (1) 30,000 gallon capacity petroleum liquid cone roof storage tank identified as EU A, exhausting at one emission point identified as A; and
- (9) one (1) 30,000 gallon capacity petroleum liquid cone roof storage tank identified as EU B, exhausting at one emission point identified as B.

Emissions Limitations and Standards [326 IAC 2-8-4(1)]

D.2.1 Volatile Organic Compound

(a) Pursuant to 326 IAC 8-9 (Volatile Organic Liquid Storage Vessels) and 326 IAC 2-8 (FESOP), the maximum true vapor pressure (TVP) of the materials stored shall be less than 0.7 psia at the temperature stored.

(b) The sum of the throughputs of volatile organic compounds (and generically identified as M1) through all nine storage tanks is limited to 386,400 gallons per twelve (12) consecutive months. The total for each month shall not exceed the difference between the annual limit minus the sum of the throughput from the previous eleven (11) months. Compliance is based on the total hours of operation during the previous 12 months. During the first 12 months of operation under this permit, the sum of the throughputs shall be limited such that the total gallons divided by the accumulated months of operation shall not exceed 32,200 gallons per month. The maximum TVP of the materials stored shall be less than 0.70 psia at the temperature stored. These operating limits shall limit total volatile organic compound (VOC) emissions from the eight tanks to 8.61 tons per twelve (12) month period rolled on a monthly basis. Therefore, the requirements of 326 IAC 2-7 do not apply.

D.2.2 Hazardous Air Pollutants

The hazardous air pollutant emissions from the entire source shall be limited as follows:

a) The amount of any single hazardous air pollutant (HAP) shall not exceed 0.75 tons per month.

b) The amount of any combination of HAPs shall not exceed 2.00 tons per month.

Therefore, the requirements of 326 IAC 2-7 do not apply.

Record Keeping and Reporting Requirements [326 IAC 2-8-4(3)]